

(Currently Amended) 1. A document management system comprising:

a document reading means for reading a document having textual descriptions and at least a drawing having at least a graphic elements assigned with an ~~associated~~ alpha-numeral designation ~~or a naming term~~, wherein said document reading means is further provided for converting said graphic element assigned with said alphanumerical-designation ~~or naming term~~ and said textual descriptions to a plurality of processor-recognized elements;

a search and link means for searching said processor-recognized elements and linking each of said graphic elements with at least one associated segment of textual description including said alpha-numeral designation linked to a naming term in said document; and

a display means for displaying said drawing with each of said naming-terms displayed immediately next to said graphic elements ~~whereby a user can select an alpha-numeral designation or a naming term to display of said associated segment of textual description associated with said alpha-numeral designation or naming term.~~

(Currently Amended) 2. The document management system of claim 1 wherein:

said search and link means for searching and linking said associated segment of textual description for each of said graphic element further includes a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said display means is further provided for displaying said column number, said page number, and said line-range number for said segment of textual description for each of said graphic elements as ~~selected by said user to display associated with~~ next to said alpha-numeral-designation ~~or~~ and naming term.

(Currently Amended) 3. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description including said user selected naming term in said document and for displaying ~~a report of finding~~ said associated segment of textual description next to an associated graphic element related to said user selected naming-term.

(Currently Amended) 4. The document management system of claim 1 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and an associated graphic element related to ~~for~~ said user-selected naming-term; and

said display means is further provided for displaying a drawing having said user selected naming-term displayed immediately next to a said associated graphic element ~~linked with said associated segment of textual description for said user-selected naming-term when said associated segment of textual description for said user-selected naming terms is found.~~

(Currently Amended) 5. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and an associated graphic element related to said user-selected naming-term for displaying a ~~report of finding~~ said associated segment of textual description and ~~said a~~ column number, ~~said a~~ page number, and ~~said a~~ line-range number, for said associated segment of textual description and at least a figure number of said associated graphic element.

(Currently Amended) 6. The document management system of claim 2 further comprising:

a user interface provided for allowing a user to input a user-selected ~~naming-term~~ alpha-numeral designation to invoke said search and link means for searching and linking said user-selected ~~naming-term~~ alpha-numeral designation to an associated segment of textual description ~~for including~~ said user-selected ~~naming-term~~ alpha-numeral designation and a naming term associated with said alpha-number designation in said document; and

said display means is further provided for displaying at least a drawing having a graphic element linked by said user-selected ~~naming-term~~ alpha-numeral designation and displayed with said naming term associated with said user-selected alpha-numeral designation ~~segment of textual description when said associated segment of textual description for said user-selected naming-terms is found.~~

(Currently Amended) 7. A method of document management comprising:

- a) employing a document reading means for reading a document having textual descriptions and at least a drawing ~~consisted of~~ having graphic elements each with an associated alpha-numeral designation/~~naming term~~;
- b) converting said document including said graphic elements with said alpha-numeral-designation/~~naming term~~ to a plurality of processor-recognized elements
- c) employing a search and link means for searching said processor-recognized elements and linking each of said graphic elements with at least one associated segment of textual description including said alpha-numeral designation linked to a naming term in said document; and
- d) employing a display means for displaying said drawing with said naming-term displayed immediately next to each of said graphic elements. ~~for a user to select a display of said associated segment of textual description associated with said alpha-numeral designation or naming term.~~

(Currently Amended) 8. The method of document management of claim 7 wherein:

said step c) of employing said search and link means for searching and linking said associated segment of textual description for each of said graphic element further includes a step of employing a document-location-finder means for locating a column number, a page number, and a line-range number for said associated segment of textual description; and

said step d) of employing said display means for displaying said naming term immediately next to associated segment of textual descriptions with said graphic elements further displaying said column number, said page number, and said line-range number for said segment of textual description for each of said graphic elements ~~as selected by said user to display with said alpha-numeral designation or naming term.~~

(Currently Amended) 9. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description and for displaying a ~~report of finding~~ said associated segment of textual description including said user selected naming term in said document immediately next to an graphic element associated with said user selected naming term.

(Currently Amended) 10. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said user-selected naming-term to an associated segment of textual description ~~for~~ including said user-selected naming-term in said document; and

f) employing said display means for displaying a drawing having said user-selected naming-term displayed immediately next to said a graphic element ~~linked with said associated segment of textual description for said user-selected naming-term when said associated segment of textual description for said user-selected naming-term is found.~~

(Currently Amended) 11. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description and for displaying ~~a report of finding~~ said associated segment of textual description and ~~said~~ a column number, ~~said~~ a page number, and ~~said~~ a line-range number for said associated segment of textual description immediately next to a graphic element associated with said naming term.

(Currently Amended) 12. The method of document management of claim 7 further comprising:

e) employing a user interface for allowing a user to input a user-selected naming-term to invoke said search and link means for searching and linking said naming-term to an associated segment of textual description for said user-selected naming-term; and

f) employing said display means for displaying at least a drawing having a graphic element linked by said user-selected naming-term with said associated segment of textual description ~~and said column number, said page number, and said line range number for said associated segment of textual description for said user-selected naming term when said associated segment of textual description for said user-selected naming terms is found.~~

(Currently Amended) 13. A document management system for reading a document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation associated with a naming term in said document,, comprising:

a display means for displaying said drawing with said naming term displayed immediately next to an option for a user to select a display for each of said graphic elements ~~an associated segment of textual description as portion of said textual descriptions.~~

(Currently Amended) 14. The document management system of claim 13 wherein:

said display means is further provided for displaying for each of said user selected graphic elements ~~selected by said user~~ a column number, a page number, and a line-range number along with said segment of textual description located in said document.

(Currently Amended) 15. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term to invoke said document management system for searching and linking said user-selected naming-term to an associated segment of textual description and at a figure number of an associated graphic element ~~and for displaying on said display means a status report of finding~~ said associated segment of textual description and said figure number of said associated graphic element.

(Currently Amended) 16. The document management system of claim 13 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term ~~to invoke said document management system~~ for searching and linking said user-selected naming-term to an associated segment of textual description ~~for~~ and an associated graphic element related to said user-selected naming-term ~~for displaying said user selected naming term immediately next to said graphic element in said drawing;~~ and

~~said display means is further provided for displaying a drawing having a graphic element linked by said user-selected naming-term with said associated segment of textual description when said associated segment of textual description for said user-selected naming-terms is found.~~



(Currently Amended) 17. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term ~~to invoke said document management system~~ for searching and linking said user-selected naming-term to an associated segment of textual description including said user-selected term and for displaying ~~a status report of finding~~ said associated segment of textual description ~~and said~~ with a column number, ~~said~~ a page number, and ~~said~~ a line-range number for said associated segment of textual description in said document.

(Currently Amended) 18. The document management system of claim 14 further comprising:

a user interface provided for allowing a user to input a user-selected naming-term ~~to invoke said document management system~~ for searching and linking said naming-term to an associated segment of textual description ~~for~~ and an associated graphic element related to said user-selected naming-term; and

said display means is further provided for displaying a drawing ~~having a~~ showing said associated graphic element ~~linked by said user-selected naming-term~~ with said associated segment of textual description and said column number, said page number, and said line-range number for said associated segment of textual description displayed immediately next to said graphic element ~~for said user-selected naming-term when said associated segment of textual description for said user-selected naming-terms is found.~~

(Currently Amended) 19. A method for reading and managing a document having textual descriptions and at least a drawing consisted of graphic elements each designated with an alpha-numeral designation associated with a naming term in said document, comprising:

employing a display means for displaying said drawing with said naming term displayed immediately next to ~~an option to allow a user to select a display for each of said graphic elements with an associated segment of textual description as portion of said textual descriptions.~~

(Currently Amended) 20. The method of reading and managing said document of claim 19 wherein:

said step of displaying said drawing further comprising a step of displaying with immediately next to each of said graphic elements ~~together with~~ an associated segment of textual description including said naming term identified with said alpha-numeral designation in said document. ~~for a user-selected graphic element further includes a step of displaying for each of said graphic elements a column number, a page number, and a line-range number along with said segment of textual description located in said document.~~

(Currently Amended) 21. The method of reading and managing said document of claim 19 further comprising:

employing a user interface for allowing a user to input a user-selected naming-term ~~to invoke a document management system~~ for searching and linking said user-selected naming-term to an associated segment of textual description and an associated graphic element related to said user-selected naming term and for displaying a drawing on said display means ~~a status report of finding~~ said associated segment of textual description immediately next to said graphic element.